Dixie State University

http://www.dixie.edu

Syllabus for Transitional Mathematics II (4.0 credits)

CRN 22350 Math 1000-*02* Spring 2019

This course is a pre-requisite course for GE math courses. It does not count toward overall credits earned for graduation, nor does it fill general education requirements; however, this course counts for financial aid and activity eligibility purposes, and the final grade contributes to the student's cumulative GPA.

Instructor: *Adina Ionita*

Email: *aionita@dixie.edu*
Office: *SNOW 005D*
Office hours: 8-8:50 M-Th
eLab hours: 10-10:50 M-Th

Classrooms & Class time:
SNOW 003 & 9:00-9:50 am MTWTh
Date Range: January 7th, 2019- May 2nd, 2019

Course Objectives:
All classes in mathematics at Dixie State University support the general education goal of the college. Each class will:

- Require students to perform mathematical processes including fractions, percentages, decimals, proportions/ratios, algebraic equations, logarithmic and exponential equations, and/or calculus techniques.
- Provide students with application problems that use a variety of methods including arithmetical, algebraic and geometric methods.
- Challenge students to make inferences from mathematical models that include formulas, graphs and tables.
- Provide students with real-life applications that use a variety of mathematical functions.

Math 1000 is designed to give students a basic understanding of Beginning and Intermediate Algebra and prepare them for more advanced work in mathematics. Upon successful completion of this course, a student will demonstrate through testing the ability to:

1. Perform basic mathematical operations on rational numbers with and without a calculator, including fractions, percentages, and decimals.
2. Use algebraic processes to solve algebraic, logarithmic and exponential equations in one and/or two unknowns.
3. Demonstrate the concept of equivalence including the use of variables to define relationships.
4. Work with functions that serve as models of real-world problems including polynomial and quadratic equations.

Class Structure: This section will have an extensive computer based component. This means all homework, reviews, and tests will be done, checked and submitted to the instructor through a computer program called MyMathLab (MML). *You will need access to a computer with internet for daily assignments.* Computer labs on campus are available to those students who do not have Internet access. *Access to the required digital course materials will be provided through Canvas and BILLED to your MYDIXIE ACCOUNT.*
If you are retaking this class, and you previously purchased the access code within the past year, please email Claudia West at west_c@dixie.edu to OPT OUT. In the subject line, write OPT OUT to request a refund. Once your request has been verified, your MYDIXIE ACCOUNT will be refunded. If a student drops their class after the first three weeks, they are not given a refund!

Prerequisite: C or better in Math 0900; OR ACT or equivalent placement exam 18 or higher; OR CPT score of 54 or higher. All prerequisites satisfied within two years of enrollment in this course.

eTextbook and Other Expenses: Software based on the textbook **Beginning & Intermediate Algebra 6/e** by Elayn Martin-Gay (textbook not required) but you will be charged for MML (This is done through your MYDIXIE ACCOUNT. Cost approx. $95-100), and course fee $35. Also a non-graphing scientific calculator ($8-$20) is recommended.

Catalog Description: Prepares students for courses that fulfill the General Education Math requirement. Concepts emphasized in this course include the properties of the real number system, sets, functions, graphs, algebraic manipulations, linear and quadratic equations, systems of equations, and story problems. Students will be expected to reason mathematically and solve mathematical problems. Successful completion of the course gives students good preparation for college-level math courses. Successful completers satisfy prerequisite for MATH 1030, MATH 1040, MATH 1050, and Mathematics prerequisite for BIOL 2030, CHEM 1110, PHYS 1010, and STAT 2040. Course fee required. FA, SP, SU.

Calculators: A non-graphing scientific calculator is recommended. *Graphing Calculators, Cell phones, Smart watches, iPads, etc., may not be used as calculators on tests.* Check with your instructor to be sure you are using an appropriate calculator.

Attendance: You are required to attend class every day during your scheduled class time. Attendance is mandatory and worth 10% of your overall grade! You are responsible for making sure your instructor records your attendance each day.

Tutoring Attendance: You are required to spend **one hour** per week of tutoring for additional homework help. This is part of your 10% attendance grade. You may use either: the eLab Math Tutoring Center, Supplemental Instruction, the Academic Performance Center on the 4th floor of the Holland Building, TRiO, or any other *approved* tutoring facility. Your instructor will provide more details in class. You must sign in and out to receive credit. Your hours will be sent to your instructor weekly. Tutoring attendance is mandatory and will be counted towards your Attendance grade! (We find it is easiest if you block out an hour each week building it into your schedule as if it were a class.)

Homework: Assignments are to be completed in Canvas through MML. Due dates are posted in MML and on the Assignment Schedule.

- To receive full credit, homework must be completed by the due date. Partial credit will be given for any problems/assignments completed after the due date.
- You get three attempts to get a problem correct. If after the third attempt you still have not gotten the problem correct, you may request a similar problem to be generated and graded by clicking on the "Similar Question" button at the bottom of the homework window. You are encouraged to repeat homework problems and obtain a perfect score before the recommended due date.
- You must complete the homework with an 80% or better to earn the opportunity to retake your test.
- If you need help on an assignment, it is recommended to contact your instructor or visit the eLab for tutoring help. If you still do not know how to solve a problem, you may select the "Help Me Solve This", "View an Example", or other help features in the right hand menu in the MML homework window.
- *Assignment Schedule is located on MML and will be provided with the syllabus as a separate PDF.*
- Your homework scores will be totaled and scaled so that your homework is 25% of your overall course grade!

Test Reviews: Test reviews are to be completed in Canvas through MML. Due dates are posted in MML and on the Assignment Schedule.

- To receive full credit, reviews must be completed by the due date. Partial credit will be given for any problems/assignments completed after the due date.
- You get three attempts to get a problem correct. If after the third attempt you still have not gotten the problem correct, you may request a similar problem to be generated and graded by clicking on the "Similar Question" button at the bottom of the homework window. You are encouraged to repeat review problems and obtain a perfect score before the recommended due date.
- You must complete the review with an 80% or better to earn the opportunity to retake your test.
- No help features are available for the reviews. If you do not know how to solve a problem, please look in your homework sets for a similar problem and use the help features within the homework set to assist you, or ask your instructor or tutor to work through the concept.
- Your test review scores will count towards your Homework grade!

Extensions: *ALL due dates are posted in MML and it is highly recommended you follow the Recommended Schedule*. Extensions to due dates will not be given, unless you have an appropriate and documented excused absence.

Homework Notebook: Because of the nature of the course, it is best practice to keep a homework notebook in which you write all lecture notes and keep track of all assignment questions. The more organized you are, the better you will succeed. The earlier you can get organized, the better the semester will go. If you have questions on how to best be organized and how to study effectively, please ask your instructor!

Tests: Five tests will be given. You may take each test up to two times to improve your score and only the highest score will be counted. If you would like to take a test early, you need to contact your instructor and set up an appointment. Your first attempt must be taken on or before the day specified in the schedule given at the end of the syllabus. If you finish all of the homework and the review with an 80% or better you earn the opportunity to retake your test. **If you scored less than a 70% on your first attempt and want a second attempt, it is *highly recommended* you set up an appointment and get help from your instructor before you take your second attempt**. Retakes are only available within the time frame specified on the Assignment Schedule. You may not access any other websites or wear headphones while taking your tests. An approved non-graphing scientific calculator is recommended and are allowed on all tests. Chapter Tests are worth 40% of your overall grade!

Final Exam: The final exam will be comprehensive and is worth 25% of your overall course grade. **You must take the final exam on Wednesday, May 1 at 9am in SNOW 003**. **You may take the comprehensive Final Exam only once**. There are no prerequisites to the Final Exam; however, it is highly recommended you finish all homework assignments and the Final Exam Review prior to test day. You may not access any other websites or wear headphones while taking your final exam. If you have a course schedule conflict with the Final Exam schedule, please contact your instructor as soon as possible.

Tutoring Center, eLab, Supplemental Instruction*: We will continue to offer tutoring and supplemental instruction for students seeking extra help in their courses. Please check the eLab for the Tutoring and Supplemental Instruction schedule as well as continually checking with your instructors for updates.*

Grading Policy: Grades will be based on: (with an allowance of ±1%)

Attendance 10%	Homework and Reviews 25%
Tests 40%	Final Exam 25%

You can see your grade and all your scores on your MML Grade Book. Letter grades will be assigned as follows:

A	94 – 100%	**B**	83 – 86%	**C**	70 – 74%	**D**	55 – 59%
A-	90 – 93%	**B-**	80 – 82%	**C-**	65 – 69%	**D-**	50 – 54%
B+	87 – 89%	**C+**	75 – 79%	**D+**	60 – 64%	**F**	0 – 49%

Cheating: Cheating will not be tolerated. Any student caught cheating will receive an automatic zero for that specific assignment/test and will forfeit the right of any retakes. If caught more than once, the student will be reported to the Department Chair for further disciplinary action. Please refer to: **Academic Integrity / Academic Honesty:** Specific course rules and reference to Student Rights and Responsibilities Code, Policy 5-33, is available at http://catalog.dixie.edu/codeofstudentrightsresponsibilities/ or the University Catalog.

MyMathLab (MML): Please make sure you check your MML account frequently since class information will be posted there. Go through your Canvas account to access MML.

Canvas: Canvas will be the port of entry for your use of the MML program. Canvas will only be used for you to monitor grades and provide you a single sign-on port of entry. To access Canvas, go to https://canvas.dixie.edu/. All homework and tests will be completed in MML which is embedded in Canvas. We do encourage you to always refer to your Canvas gradebook as an accurate representation of your standing in the course. The MML gradebook will reflect only your homework grade.

Testing Center: Tests will NOT be given in the Testing Center. If necessary, you can find current testing center hours at http://dixie.edu/testing

Disability Resource Center: If you suspect or are aware that you have a disability that may affect your success in the course, you are strongly encouraged to contact the Disability Resource Center (DRC) located in the North Plaza Building. The disability will be evaluated and eligible students will receive assistance in obtaining reasonable accommodations. Phone: (435) 652-7516.

Withdrawing from or dropping a class: If you never attend a class, the instructor may withdraw you from it. If you attend even one day, the instructor cannot withdraw you from the class. Since not all instructors will withdraw you for non-attendance, you should take care of that transaction for yourself by going to the registration window. *If you quit attending and do not withdraw from the class you will receive a failing grade, F.*

Complete Withdrawal: Dropping all classes does not withdraw you from the college and you may receive all F's. You must contact the Advisement Center, complete a withdrawal form, and surrender your student ID card.

Changes: Although unlikely, this syllabus and/or the assignment schedule may be changed if deemed necessary by the instructor. All changes will be announced in class and/or sent to your Dmail, Canvas, or MML account.

Miscellaneous Information: For comprehensive information on University resources such as the Library, Disability Resource Center, IT Student Help Desk, Online Writing Lab, Testing Center, Tutoring Center, Writing Center, etc., please go to http://dixie.edu/resources/.